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**OCT 16 2007****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>4240-104</b>
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>9621</b>
<b>Application No.:</b>	)	<b>Art Unit:</b>	<b>1639</b>
<b>Date Filed:</b>	)	<b>Examiner:</b>	<b>Christopher M. Gross</b>
<b>Title:</b>	)	<b>Customer No.:</b>	<b>23448</b>
<b>METHOD FOR FABRICATING A BIOCHIP USING THE HIGH DENSITY CARBON NANOTUBE FILM OR PATTERN</b>	)		

**FACSIMILE TRANSMISSION CERTIFICATE****ATTN: Examiner Christopher M. Gross****Fax No. (571) 273-8300**

I hereby certify that this document is being filed in the United States Patent and Trademark Office, via facsimile transmission, addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, and transmitted on the date specified below, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

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Number of Pages

  
Kelly K. Reynolds**October 16, 2007**

Date

**RESPONSE TO JULY 16, 2007 FINAL OFFICE ACTION IN U.S. PATENT  
APPLICATION NO. 10/805,044**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

4240-104

In response to the Office Action mailed July 16, 2007, please enter this Amendment and Response into the file of the above-identified application. The time for responding to the July 16, 2007 Final Office Action without extension was set at three months, or October 16, 2007. This response is therefore timely.

Please amend the claims of the above-identified patent application as set out in **Section I, Amendments to the Claims**, beginning on page 3 hereof.

Reconsideration of the application in view of the amendments to the specification and claims, and the ensuing remarks set out in **Section II, Remarks**, beginning on page 9 hereof, is respectfully requested.

**THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK**